GENERAL NOTES:
1. GENERAL CONSTRUCTION DETAILS ARE FOUND IN A SHEET TITLE INDEX.
2. PROJECT IS EXECUTED IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
3. CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND ACCURATELY FOLLOWING THE CONTRACT DOCUMENTS.
4. EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR WORK.
5. MAINTAIN CIRCUIT CONTINUITY TO EXISTING CIRCUITS AND DEVICES INDICATED BY THE CONTRACT DOCUMENTS.
6. REWORK EXISTING EQUIPMENT THEY SERVE AND MOUNTED AT 6’ OF DEVICE, +6” ABOVE COUNTER OR BACK SPLASH.
7. DISCONNECT SWITCH LOCATIONS ARE SHOWN DIAGRAMMATICALLY AND WITHOUT SPECIFIC LOCATION.
8. PROVIDE 4 NIGHT LIGHTS WITH ARCHITECTURAL ELEVATIONS, AND ANY FURNITURE COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL AND UNDER FLOOR.

LIGHTING PLAN NOTES:
1. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V CIRCUIT.
2. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V CIRCUIT.
3. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V CIRCUIT.
4. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V CIRCUIT.
5. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V CIRCUIT.
6. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH 120V CIRCUIT.

DEMOLOITION NOTES:
1. REMOVE ALL PENETRATIONS FOR RACEWAY AND CABLE THAT ARE BY THE NOTES. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.
2. REMOVE ALL PENETRATIONS FOR RACEWAY AND CABLE THAT ARE BY THE NOTES. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.
3. REMOVE ALL PENETRATIONS FOR RACEWAY AND CABLE THAT ARE BY THE NOTES. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.
4. REMOVE ALL PENETRATIONS FOR RACEWAY AND CABLE THAT ARE BY THE NOTES. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.
5. REMOVE ALL PENETRATIONS FOR RACEWAY AND CABLE THAT ARE BY THE NOTES. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.

POWER PLAN NOTES:
1. PROVIDE SERVICE WEATHERHEAD ELECTRICALLY OPERATED MECHANICAL INTERLOCK CONTACTOR/RELAY/CAPACITOR (AS NOTED)
2. PROVIDE SERVICE WEATHERHEAD ELECTRICALLY OPERATED MECHANICAL INTERLOCK CONTACTOR/RELAY/CAPACITOR (AS NOTED)
3. PROVIDE SERVICE WEATHERHEAD ELECTRICALLY OPERATED MECHANICAL INTERLOCK CONTACTOR/RELAY/CAPACITOR (AS NOTED)
4. PROVIDE SERVICE WEATHERHEAD ELECTRICALLY OPERATED MECHANICAL INTERLOCK CONTACTOR/RELAY/CAPACITOR (AS NOTED)
5. PROVIDE SERVICE WEATHERHEAD ELECTRICALLY OPERATED MECHANICAL INTERLOCK CONTACTOR/RELAY/CAPACITOR (AS NOTED)
6. PROVIDE SERVICE WEATHERHEAD ELECTRICALLY OPERATED MECHANICAL INTERLOCK CONTACTOR/RELAY/CAPACITOR (AS NOTED)
FIRST FLOOR LIGHTING PLAN

N 0

Note: Keynotes are shown on the drawing with the text "FIRST FLOOR LIGHTING PLAN."
KEYNOTES

ED1 PANEL LA TO BE REPLACED. PULL BACK CIRCUITS AS NEEDED TO REMOVE PANEL AND INSTALL NEW EQUIPMENT.

ED2 NO POWER SCOPE IN AREA NOTED.

ED3 REMOVE ALL EXISTING FIRE ALARM DEVICES IN SCOPE AREA. RACEWAY AND CABLE MAY BE REUSED AS AVAILABLE.

ED4 TRANSFORMER TO BE REPLACED.

SCALE: 1/8" = 1'-0"

FIRST FLOOR POWER/FA DEMOLITION PLAN
### General Notes:

- **Load Type**: Connected Load, Demand Factor, Demand Load, Panel Totals

### Load Type Details:

- **M Motor**: 14219 VA, 104.22% 14819 VA
- **O Other**: 0 VA, 0.00% 0 VA
- **G General**: 7300 VA, 100.00% 7300 VA
- **E Existing**: 0 VA, 0.00% 0 VA

### Circuit Notes:

- **Note Circ...**
- **Load Type**: Trip, Phase, A, B, C
- **Trip Type**: Load Circuit
- **C...**
- **Note**

### Supply From:

- **Panel LA**
- **Panel LB**
- **Panel PA**

### Voltage and Phase Balance:

- **Voltage**
- **Phase**
- **Wire**

### Mains Type:

- **480/277 Wye**

### Panel Details:

- **Panel LA**: Location, Enclosure, Mounting, Type 1
- **Panel LB**: Location, Enclosure, Mounting, Type 1
- **Panel PA**: Location, Enclosure, Mounting, Type 1

### Total Load:

- **3130 VA** 2360 VA 2160 VA

### Total Connected Load:

- **5817 VA** 0 VA

### Total Demand Current:

- **144 A** 134 A 136 A

### Total Demand Load:

- **14,000** 138 A

### A.I.C. Rating:

- **25 A** 21 A

### MCB Rating:

- **225 A** 225 A MC

### REVISED LOAD ON DISTRIBUTION SERVICE CAPACITY

- **SERVICE VOLTAGE**: 600 A
- **TOTAL CALCULATED KVA**: 21.1 100% 21.1
- **NEW MECHANICAL LOAD**: 21.1 100% 21.1
- **NEW RECEPTACLES**: 30.1 100% 30.1
- **NEW LIGHTING**: 4.7 125% 5.9

### E-302

**Cheyenne, WY 82007**

**SCHEDULES**

**ELECTRICAL PANEL**

**CMI**

**CONSULTANT**

**DRAWN BY**

**PROJECT NO:**

**DRAWING INFORMATION**

**02.19.2018 CONTRACT DOCUMENTS**

**SHEET OF**

**02.19.2018 CONTRACT DOCUMENTS**

**E-302**

**PROJECT NAME**: CROSSROADS BUILDING RENOVATION

**LOCATION**: LARAMIE COUNTY COMMUNITY COLLEGE

**ADDRESS**: 1401 EAST COLLEGE DRIVE

**PHONE**: 1-307-266-2100

**E-MAIL**: info@laramiecounty.net

**WEB**: www.laramiecounty.net

**CONTRACTOR**: CMI

**ARCHITECT**: CATOR RUMA & ASSOCIATES, INC.

**ENGINEER**: CATOR RUMA & ASSOCIATES, INC.

**CONSTRUCTION MANAGER**: CATOR RUMA & ASSOCIATES, INC.

**PROJECT MANAGER**: LARRY SHAW

**SCHEDULE**: 11/30/2017

**ENGINEER**: BRIAN McORIE

**PROJECT MANAGER**: LARRY SHAW

**CONTRACTOR**: CMI

**SCHEDULE**: 11/30/2017

**E-302**

**ELECTRICAL PANEL SCHEDULES**